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Method and system for determining conformance of a data **key** with **rules** by means of memory lookups

SM Mishra, G Ardhanari - US Patent App. 10/526,700, 2002 - Google Patents

... will therefore be 1 if, and only if, the **key** shows that the packet comes from source port 1. [0043]More generally, the generation of the vector for insertion into the memory is as follows. We **divide** the **rule** and **mask** into **chunks** of C bits (a total of N/C **chunks**). Each **chunk** has 2C ...[All 4 versions](#)

Algorithms for advanced packet classification with ternary CAMs

K Lakshminarayanan, A Rangarajan, S ... - Proceedings of the ..., 2005 - portal.acm.org

... These schemes **divide** the ranges into many regions and use a hier- archical encoding; they first encode ... bits are available in each row "for free" after storing the bits corresponding to the **rule**. ...Logically, the third bit encodes whether the search **key** is a member of either 01 or 1x. ...[Cited by 93](#) - [Related articles](#) - [BI Direct](#) - [All 27 versions](#)[psu.edu](#) [PDF]

Method, system and computer program product for classifying packet flows with a bit **mask**

S Merugu, ACV Gummalla, D Sala - US Patent App. 10/050,762, 2002 - Google Patents

... A score is computed for each location to measure the extent of division, and the location with lowest score is selected. ... The extraction func- tion subsequently is used as a query **key** to query the refined **rule** set for incoming packets. ...[Related articles](#) - [All 4 versions](#)

[CITATION] Lyra: A new approach to geometric layout **rule** checking

MH Arnold, JK Ousterhout - Design Automation, 1982. 19th Conference on, 1982

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Fast Packet Classification with a Varying **Rule** Set

S Merugu, ACV Gummalla, D Sala, EW Zagura - 2001 - smartech.gatech.edu

... The algorithm produces abit **mask** used to extract a lookup **key**. The same bit **mask** is applied to all **rules** in the original **rule** table to produce the (smaller) refined **rule** table. ... 'I iterations(a)Illustration of division of **rule** set (b)Search tree in algorithm given in table1 ...[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)[gatech.edu](#) [PDF]

[PDF] Arbitrary Phrase Identification using Linear Kernel with **Mask** Method

C Chang, Y Wu - 2008 - Citeseer

... and Marcus used transformation-based error driven learning to derive transformation **rules** for tagging ... size, the frequent threshold for each feature dictionary, and the number of division parts for ... Efficient and high-performance text chunker is an important **key**-issue for many real ...[Related articles](#) - [View as HTML](#) - [All 4 versions](#)[psu.edu](#) [PDF]

[PDF] **Key** technologies for IMT-advanced mobile communication systems

C Wijting, K Doppler, K Kalliojärvi, N ... - IEEE Wireless ..., 2009 - signal.uu.se

... It supports flexible combinations of spatial multiplexing, Space Division Multiple Access (SDMA), spatial diversity, beamforming, and means for enhanced ... **rules**. ... assessment of **key** technologies for IMT-Advanced mobile communication systems. The WINNER ...[Cited by 6](#) - [Related articles](#) - [View as HTML](#) - [All 4 versions](#)[uu.se](#) [PDF]

Moscow's secret initiation of the Azeri-Armenian conflict (A Study of **Divide-and-Rule** Policy in Modern History)

I Nolyain - The Journal of Slavic Military Studies, 1999 - informaworld.com

... (A Study of **Divide-and-Rule** Policy in Modern History) ... Yet, gathered together, compared and cross-examined, they constitute the skeleton of an imperial dinosaur - an ethnic massacre, directed from the imperial center and executed by imperial forces in order to **divide** and **rule**. ...

[BOOK] Music, the brain, and ecstasy

R Jourdain - 1997 - rhoj.info

... that each note is a constant ratio of the immediately preceding note (which allows music to be played in any **key** without destroying ... Melodies generally conform to the following **rules**.... ... Meter[rhoj.info](#) [PDF]

hinges on prime numbers as the brain cannot **divide** them easily into smaller **chunks**. ...

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[PDF](#) [Bit weaving: A non-prefix approach to compressing packet classifiers in tcams](#)


[psu.edu](#) [PDF]


CR Meiners, AX Liu, E Torng - IEEE ICNP, 2009 - Citeseer

... The **key** is that if we revert the bit-swap on any **rule** list L3 that is equivalent to L2, the ... in the active partition, that partition is completed, and the active partition is reset to contain only the new **rule**. ...

For any ternary string t of length m , we define the bit **mask** of t , denoted $M(t)$, to be a ...

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